



MOTOR OVERVIEW

- AltusPro frameless BLDC torque motor
- 60 mm stator OD
- 12.7 mm stack length
- 0.582 Nm rated torque
- 1.72 Nm peak torque
- 4665 RPM rated speed
- 284 W rated power
- 48 VDC bus voltage

FEATURES

- Highly Integrated
- High Torque
- High Efficiency
- Optional Hall Sensors

OPTIONS

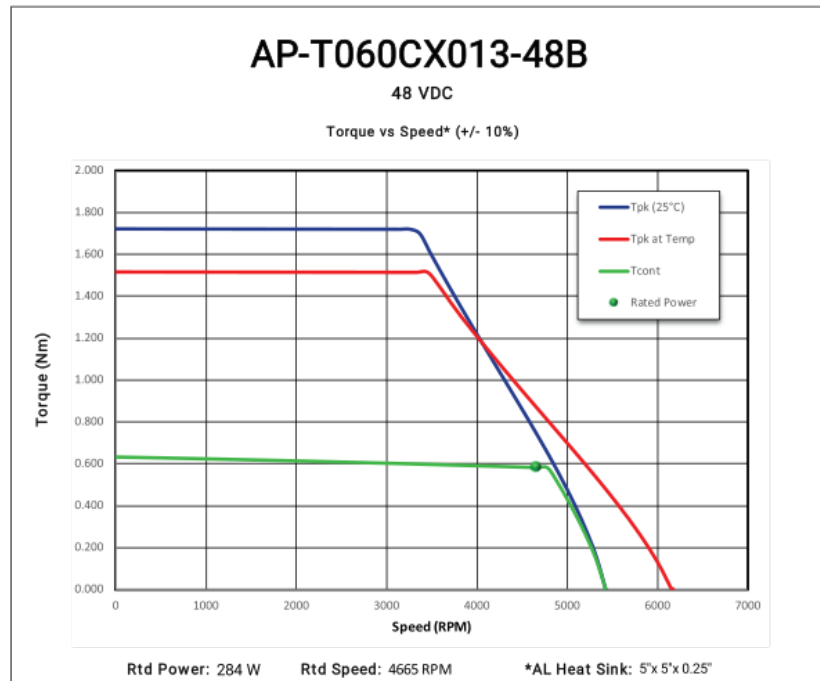
- Customized leads and connectors
- Redundant winding

Many more customizations are available upon request.

MOTOR SPECIFICATIONS

Part number	AP-T060CH013-48B	Stator OD	60 mm
Rotor ID	30 mm	Stack length	12.7 mm
Bus voltage	48 VDC	Rated speed	4665 RPM
Rated torque	0.582 Nm	Peak torque	1.72 Nm
Max continuous torque	0.634 Nm	Rated power	284 W
Max continuous current	7.18 Arms	Peak current	18.06 Arms
Resistance	0.3824 Ohm	Inductance	0.3341 mH
Back EMF	8.828 Vpk/kRPM	Torque constant	0.088 Nm/Arms
Commutation	sine	Poles	20
Weight	0.184 kg	Ambient temperature	25 C
Winding temperature	155 C	Heat sink	5"x 5"x 0.25"
No-load comm. frequency	906 Hz	Motor constant	0.136 Nm/sqrt(W)

PERFORMANCE CURVE



MOTOR DIMENSIONS

